

## **ABSTRACT OF THE DISCLOSURE.**

This apparatus observes ,measures or records the resistance of the tissues to piercing ,its resistance to passage of electrical current & its electrical activity.

This apparatus is used during needle biopsy to observe ,measure or record these three functions together to help in identification of the nature of the tissue during needle biopsy before the actual cutting of the tissue as well as prediction of the nature of its pathology .

The apparatus is formed of a sensor connected to the monitor by a cable .A data analysis unit can also be added for direct analysis of the patient's data.